

## Appendix E4 – Restoration Plans and TMDLs (TMDL Compliance)

Harford County, MD Department of Public Works  
Watershed Protection and Restoration  
Chesapeake Bay Watershed Stormwater Load Reduction Status (MS4 Permit 11-DP-3310)



Barry Glassman  
County Executive

CIPid	Project	Project Type	Completed	Cost	TN Reduced (lb/yr)	TP Reduced (lb/yr)	TSS Reduced (lb/yr)
CIP0057	Patterson Mill High School Tree Planting	Urban Tree Planting	Apr 2013	\$23,688	10.13	0.41	67
CIP0049	Churchville Recreation Complex Tree Planting	Urban Tree Planting	Oct 2013	\$7,434	3.01	0.12	20
CIP0053	Harford Center Tree Planting	Urban Tree Planting	Oct 2013	\$9,983	2.68	0.11	18
CIP0048	Heaven Waters Boulton Street Tree Planting	Urban Tree Planting	Oct 2013	\$7,546	2.45	0.10	16
CIP0050	Walters Mill Tree Planting	Urban Tree Planting	Oct 2013	\$31,099	13.42	0.54	88
CIP0056	Magnolia Middle School Tree Planting	Urban Tree Planting	Apr 2014	\$5,295	2.83	0.11	19
CIP0054	Mt Soma Property Tree Planting	Urban Tree Planting	Apr 2014	\$28,684	11.96	0.48	79
CIP0058	North Harford High School Tree Planting	Urban Tree Planting	Apr 2014	\$3,593	1.88	0.08	12
CIP0059	Perryman Wellfield Tree Planting	Urban Tree Planting	Apr 2014	\$43,183	22.47	0.91	148
CIP0061	Amoss Mill Road Tree Planting	Urban Tree Planting	Oct 2014	\$8,448	2.21	0.09	15
CIP0060	Edwards Lane Tree Planting	Urban Tree Planting	Oct 2014	\$25,952	11.96	0.48	79

CIP0062	Harford Christian School Tree Planting	Urban Tree Planting	Oct 2014	\$15,972	7.77	0.31	51
CIP0064	Oakmont Road Tree Planting	Urban Tree Planting	Apr 2015	\$7,761	9.42	0.38	62
CIP0063	Rider Lane Tree Planting	Urban Tree Planting	Apr 2015	\$18,302	9.42	0.38	62
CIP0020	Woodbridge Stream Restoration	Stream Restoration (Coastal Plain)	Apr 2015	\$619,242	92.78	84.12	18,716
CIP0031	Norrisville Elementary Bioretention	Runoff Reduction (RR)	Jun 2015	\$112,600	9.04	0.61	784
CIP0073	Hickory Elementary Retrofit	Runoff Reduction (RR)	Jul 2015	\$82,199	23.38	1.59	2,051
CIP0026	Wheel Creek at Festival at Bel Air SWM Retrofit	Stormwater Treatment (ST)	Feb 2016	\$385,601	67.43	10.82	30,225
CIP0024	Wheel Creek at Country Walk 1A SWM Retrofit	Stormwater Treatment (ST)	Jun 2016	\$386,987	94.35	7.36	18,504
CIP0080	Wheel Creek at Country Walk 1A SWM Retrofit	Stormwater Treatment (ST)	Jun 2016	\$189,545	25.92	2.40	6,226
	Patterson Mill High School Tree Planting II	Urban Tree Planting	Apr-2015	\$25,519	15.07	0.61	99
	Amoss Mill Road Tree Planting II	Urban Tree Planting	Apr-2015	\$6,291	2.59	0.10	17
	Edwards Lane Tree Planting II	Urban Tree Planting	Apr-2015	\$30,772	21.10	0.85	139
	Red Pump Elementary School Tree Planting II	Urban Tree Planting	Apr-2015	\$17,742	8.10	0.33	53
	Magnolia Middle School Tree Planting II	Urban Tree Planting	Apr-2015	\$12,267	5.79	0.23	38
	Willoughby Beach Road Tree Planting	Urban Tree Planting	Oct-2015	\$11,844	7.07	0.29	47
	Trappe Church Road Tree Planting	Urban Tree Planting	Oct-2015	\$6,802	3.30	0.13	22

CIP0097	Foster Branch at Dembytown Stream Restoration	Stream Restoration	Apr-2017	\$902,793	1561.00	277.00	42,377
CIP0036	Foster Branch at Dembytown Water Quality	Runoff Reduction (RR)	Apr-2017	\$12,958	189.67	13.14	7,963
CIP0025	Wheel Creek at Country Walk 1B SWM Retrofit	Stormwater Treatment (ST)	Jun-2017	\$530,480	29.60	5.80	1,777

Totals	\$3,570,582	2,267.81	409.88	129,773
2019 Target	\$32,000,000	25,616	1,335	
% of target	11%	9%	31%	



Harford Streams is a program developed and administered through Harford County Department of Public Works

Harford County, MD Department of Public Works  
Watershed Protection and Restoration  
Bynum Run Watershed Stormwater Load Reduction Status (MS4 Permit 11-DP-3310)



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County Executive

CIPid	Project	Project Type	Completed	Cost	TSS Reduced (lb/yr)
CIP0057	Patterson Mill High School Tree Planting	Urban Tree Planting	Apr 2013	\$23,688	67
	Patterson Mill High School Tree Planting II	Urban Tree Planting	Apr 2015	\$25,519	12

Totals \$49,207 79

2019 Target \$7,000,000 80,000

% of target 1% 0%



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